What is claimed is:

- 1. A piezoelectric ceramic composition comprising a perovskite compound comprising Pb, Zr and Ti as main components, wherein said piezoelectric ceramic composition comprises Cr as an additive from 0.025 to 0.250 wt% in terms of Cr_2O_3 .
- 2. A piezoelectric ceramic composition comprising a perovskite compound comprising Pb, Zr, Ti, Mn and Nb as main components, wherein:

said piezoelectric ceramic composition is represented by a formula, $Pb_{\alpha}[(Mn_{1/3}Nb_{2/3})_{x}Ti_{y}Zr_{z}]O_{3}$, where α , x, y and z fall within the ranges of $0.95 \le \alpha \le 1.02$, $0.02 \le x \le 0.15$, $0.48 \le y \le 0.62$, and $0.30 \le z \le 0.50$, respectively; and said piezoelectric ceramic composition comprises Cr as an additive from 0.025 to 0.250 wt% in terms of $Cr_{2}O_{3}$.

3. The piezoelectric ceramic composition according to claim
1 or 2, wherein:

said piezoelectric composition comprises Cr as an additive from 0.030 to 0.200 wt% in terms of Cr_2O_3 .

4. The piezoelectric ceramic composition according to claim 1 or 2, wherein:

 Δ k15 (here, Δ k15 is the rate of change in electromechanical coupling factor k15, caused by external thermal shock) of said piezoelectric ceramic composition is 3.0% or less in absolute value.

5. The piezoelectric ceramic composition according to claim 1 or 2, wherein:

 Δ k15 (here, Δ k15 is the rate of change in electromechanical coupling factor k15, caused by external thermal shock) of said piezoelectric ceramic composition is 2.5 % or less in absolute value.

6. The piezoelectric ceramic composition according to claim 1 or 2, wherein:

the Q_{max} value of said piezoelectric ceramic composition is 30 or more.

7. The piezoelectric ceramic composition according to claim 1 or 2, wherein:

the Q_{max} value of said piezoelectric ceramic composition is 50 or more.

8. The piezoelectric ceramic composition according to claim 1 or 2, wherein:

 Δ FO (here, Δ FO is the rate of change in oscillation frequency FO, caused by external thermal shock), of said piezoelectric ceramic composition is 0.1% or less in absolute value.

9. The piezoelectric ceramic composition according to claim 1 or 2, wherein:

the Curie temperature Tc of said piezoelectric ceramic composition is $340\,^{\circ}C$ or higher.

10. A piezoelectric element comprising:

a piezoelectric substrate having a front surface and a back surface opposed to each other with a predetermined distance between them, and

a pair of electrodes arranged on said front surface and said back surface of said piezoelectric substrate, respectively, wherein:

said piezoelectric substrate is constituted with a sintered body comprising a perovskite compound comprising Pb, Zr, Ti, Mn and Nb as main components;

said sintered body is represented by a formula, $Pb_{\alpha}[\,(Mn_{1/3}Nb_{2/3})_{\,x}Ti_{y}Zr_{z}]O_{3}, \text{ where }\alpha,\,\,x,\,\,y\,\,\text{and }z\,\,\text{fall within the }$ ranges of $0.95 \leq \alpha \leq 1.02,\,\,0.02 \leq x \leq 0.15,\,\,0.48 \leq y \leq 0.62,$ and $0.30 \leq z \leq 0.50,\,\,\text{respectively; and}$

the sintered body comprises Cr as an additive from 0.025 to 0.250 wt% in terms of Cr_2O_3 .

- 11. The piezoelectric element according to claim 10, wherein: $\Delta k15 \; (\text{here,} \; \Delta k15 \; \text{is the rate of change in electromechanical coupling factor } k15, \; \text{caused by external thermal shock), of said piezoelectric substrate is 3.0 % or less in absolute value. }$
- 12. The piezoelectric element according to claim 10, wherein: the vibrational mode of said piezoelectric element is a thickness-shear mode.
- 13. The piezoelectric element according to claim 10, wherein:

said piezoelectric substrate is constituted with a sintered body comprising Mn as an additive from 0.20 wt% or less (not inclusive of 0) in terms of $MnCO_3$.